

Ryachev, V.D.

Trawl fishery conditions in North Western Atlantic in 1972
relation to its shelf relief (Rel'ef shel'fa Severo-Zapadnoi'
Atlantiki i usloviya tralovogo promysla)
Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo khozaistva i okeanografii in.
N.M. Knipovicha (PINRO), 28: 5-12. In Russian.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta., St.
John's, Nfld., 1973, as Transl. Series No. 2472, 21p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *AK*

Kotenev, B.N., and G.O. Matishov

Patterns of the dissection of the continental slope and
foot of the northern commercial basin (Labrador Sea, Norwegian-
Greenland Basin) (Sakonsmernoeti reschleneniya matorikovogo
bassaina i podnoshiya severnogo promyslovogo basaina (Labradora
mora, Norveshsko-Gvynlandskii basseini)
Trudy Poliarnogo nauchno-issledovatel'skogo i prikladnogo
instituta morskogo r'bnogo khoziaistva i okeanografii im.
N.M. Knipovicha (PIVMO), 28: 13-22. In Russian.

Transl. by Transl. Bur., Jpn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta., St.
John's, Nfld., 1971, as Transl. Series No. 2493, 20p.,
typescript.

Avail. on Loan - NMN, Wash., D.C.

Original Article Checked. *R*

Rvachev, V.D.

Geomorphology of the continental shelf in the northwest
Atlantic (Geomorfologiya shel'fa Severo-Zapadnoy Atlantiki)
Trudy Polarnogo nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo khoziaistva i okeanografii im.
N.M. Knipovicha (PINRO), 28: 23-47. In Russian. 1972

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2467, 57p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *NR*

Kudlo, B.P.

Currents in Davis Strait (o tekhoniyakh prosliva Davisa) 1972
Trudy Polimarnogo nauchno-issledovatel'skogo i proektirov-
nogo instituta morskogo rybnogo khozaystva i okeanografii im.
N.M. Kripovicha (PINRO), 28: 57-63. In Russian.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2694, 12p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked... *VR*

Turak, T.N.

Variations in the relative weight of liver of the Atlantic
cod (Kolebaniya otноситel'nogo vesa pecheni atlanticheskoy
treski)

1972

Promyslovye ryby Severo-Zapadnoy Atlantiki i usloviya ikh
obitaniya, (Trudy Polarnogo nauchno-issledovatel'skogo i
proektnogo instituta morskogo rybnogo khoziaistva i
okeanografii im. N.M. Knipovicha) (PINRO), 29, Murmansk,
237p.: 88-95. In Russian.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2618, 15p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....
MR

Konstantinov, K.O., and S.G. Ponomarevskaya 1972
 Nutrition and food interrelations of grenadier (*Macrurus
 rupestris*) and other deep-water fishes of Northwest Atlantic
 (Pitanie i pishchevye vzaimootnosheniya makrurata (*Macrurus
 rupestris*) i drugikh glubokovodnykh ryb Severo-Zapadnoi
 Atlantiki)
 Trudy Polarnogo nauchno-issledovatel'skogo i proektnogo
 instituta morekogo rybnogo khoziaistva i okruzhayushchey sredi
 N.M. Knipovicha (PINRO), 28: 96-106. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
 State of Canada, for Dept. of Environ., PMBU Biol. Sta.,
 St. John's, Nfld., 1973, as Transl. Series No. 2537, 17p.,
 typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Grigor'ev, G.V.

1972
Reproduction of Macrurus pommeri, Gannar of the northern
Atlantic (Orasmomomus supercylus macrurus Severnoi Atlantiki)
Trudy Polarnogo nauchno-issledovatel'skogo i prakticheskogo instituta
morskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha
(PINRO), 28: 107-115. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FWS Biol. Sta., St.
John's, Nfld., 1973, as Transl. Series No. 2529, 15p.,
typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked AR

Savvatinskii, P.I.

1972

The age of the rock grenadier in the north-west Atlantic and a possible influence of fisheries on its population numbers (O vozraste tuporylogo makrurusa Severo-Zapadnoi Atlantiki i vozmozhnom vliyani promysla na ego chislennost') Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo instituta morskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha (PINRO), 28: 116-127. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Biol. Sta., St. John's, Nfld., 1973, as Transl. Series No. 2491, 26p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....

Baranov, V.V.

1978

Systematics of the Atlantic redfishes (Sistematika
atlanticheskikh merizhikh okunej)

Trudy Poliarneho nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo khoziaistva i okeanografii im.
N.M. Knipovicha (PINRO), 28: 128-142. In Russian.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., and FRBC Biol. Sta., Nanaimo, B.C., 1973,
as Transl. Series No. 2551, 33p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *AB*

Barsukov, V.V., and G.P. Zakharov

1972

Morphological and biological characteristics of the
American redfish (Morfologicheskie i biologicheskie osobennosti
amerikanskogo morskogo okunya)

Trudy Pribornogo nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo khozyaystva i okeanografii im.
N.M. Kripovicha (PINRO), 22: 143-173. In Russian.

Transl. by Transl. Bar., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta., St.
John's, Nfld., and FRBC Biol. Sta., Nanaimo, B.C., 1973, as
Transl. Series No. 2488, 66p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked.....*NR*

Payanova, A.N.

1972

Primary populations of ocean perch in the north-west Atlantic and their importance for fisheries reconnaissance (Elementarnye populyatsii okunya-kiyuvaasha v severe-zapadnoy Atlantike i ikh znachenie dlya promyslovoy razvedki) Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo instituta morskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha (PINRO), 28: 174-183. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBO Biol. Sta., St. John's, Nfld., 1973, as Transl. Series No. 2492, 16p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Zakharov, G.P., and V.A. Chekhova 1972
Distribution and biological characteristics of beaked
redfish (Sebastes mentella Travin) of the Davis Strait
(Rasprezhenie i biologicheskaya kharakteristika okunyak-
lyuvacha proliva Davisa)
Trudy Poliarnogo nauchno-issledovatel'skogo i proektnogo
instituta morskogo rybnogo khoziasitva i eksanografii im.
N.M. Knipovicha (PINRO), 28: 184-198. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
St. John's, Nfld., 1973, as Transl. Series No. 2474, 28p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Chelkova, V.A.

Vertical distribution of beaked redfish (*Sebastes mentella* 1972
 Tsevin) on the Flemish Cap Bank (Raspredelenie glubiny-kryvacha
 (Sebastes mentella Tsevin) po glubine na banko Flemish-Kap)
 Trudy Vsesoyuznogo Nauchno-Issledovatel'skogo i Prikladnogo
 Instituta morskogo rybnogo khozaystva i okeanografii im. N.M.
 Knipovicha (PIKHO), 23, 199-209. In Russian.

Transl. by Transl. Bur., For. Lang. Div., Dept. of Sec. of
 State of Canada, for Dept. of Environ., FRBC Biol. Sta.,
 St. John's, Nfld., 1973, as Transl. Series No. 2504, 18p.,
 typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Nikol'skaya, T.L.

1972

Size, age and rate of growth of the deepwater redfish of the northeastern slope of the Newfoundland Grand Banks (Razmery, vozrast i temp rosta morskogo okun'yakiyevsha Severo-Zapadnogo sklena Bol'shoi N'yufundlendskoi banki) Trudy Pribornogo nauchno-issledovatel'skogo i proektnogo instituta morskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha (PIKRO), 28: 210-218. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Biol. Sta., St. John's, Nfld., 1973, as Transl. Series No. 2435, 13p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Konstantinov, K.G.

1972

The assessment of the frequency of occurrence of food components (Ob otsenke chastoty vstrechaemosti pishchevykh komponentov)

Trudy Vsesoyuznogo nauchno-issledovatel'skogo i proektnogo instituta morskogo zivnogo khozyaystva i okeanografii im. N.M. Knipovicha (PINRO), 22: 219-222. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for Dept. of Environ., FRBC Biol. Sta., St. John's, Nfld., 1973, as Transl. Series No. 2375, 8p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. MO

Dukov, V. D.

Effect of the elastic stress field, caused by an elongating load, on the recrystallization behavior of silicon steel

LENINGRAD. POLYTECHNICAL INSTITUTE, TRUDY, n. 322,
1971, pp. 36-41

NTC 72-12854-11P

Uncl (AEC-tr--7418) Effect of ionizing radiation on the organism. The problem of the effect of radioactive water pollution on the reproduction of commercial fishes. Sorokin, B.P. (ed.) Translation of Tr., Polyar. Nauch. Issled. Proekt. Inst. Morsk. Ryb. Khoz. Okeanogr.; No. 29, 1-182(1971). 219p. Dep. NTIS.

environmental studies; 06R radiobiology; translations
STD-48 P NSA

Firsova, M.K.

Effect of Low Temperature and Freezing on
the Germinating Capacity of Seeds of the
Opium Poppy.
TRUDY PRIKL. BOT., Ser. IV, 1937, pp.121-124
ANTIS TT 74-53291

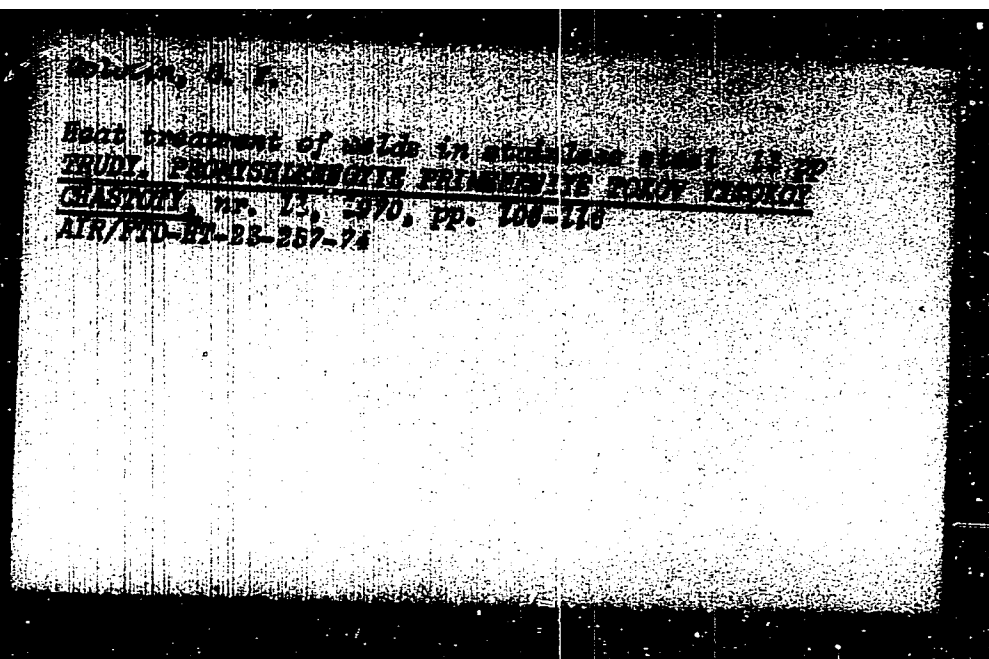
1. Introduction

Determination of the forces in the kinematic pairs
of a sliding gear mechanism

6 pp

PRINTED IN MOSCOW, USSR, n. 95, pp. 26-30, 1968

AIR/MD-21-789-74



3-Oct-73

Uncl (LA-tr--73-42) Main problems of high-power
linear accelerators of protons. BONDAREV, B.I.; IVANOV,
I.D.; KUL'MAN, V.G.; MURIN, B.P.; MIROCHNIK, E.A.;
POLIAKOV, B.I.; NEVIAZHSKII, I.K.; SOLOV'EV, L.I.;
KHESETS, E.A. Translated by A.D. Cernicek from Tr.
Radiotekh. Inst.: No. 1, 49-75(1970). 24p. Dep. NTIS
\$3.25.

20G particle accelerators; translations
MN-28 P NSA

RUSSIAN

JPRS 63,145

CSO: 8144/0512
18 September 1974

Trudy SMP #35(41), 1973, pp. 93-99. *1074*

Please Publish

VORONIL, S. I.
 // ~~SECRET~~ ~~REDACTED~~ ~~REDACTED~~ ~~REDACTED~~
 NACHNO-ISSLEDVATEL' SEISMO IZMERTENI
 —/—/1972, V0029, N—, pp 0010-0016
 Use of a Hydrophone in the Registry of Seismic
 Processes 8 pp
 JPRS 63767
 #

Konstantinov, A.S.

Cultivation of chironomid larvae (Vyrashchivaniye lichinok) 1958
Trudy Saratovskogo otdela VNIORKh, 2: 276-302. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of State of
Canada, for Dept. of Environ., FRBC Freshwater Institute,
Winnipeg, Man., 1972, as Transl. Series No. 2133, 44p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *NR*

READ FOR CHECK

26-1P-73

1967

CALCULATION OF THE CHARACTERISTICS OF THE
AERODYNAMIC DAMPING OF A BODY OF ROTATION
BYKOV, V.S.

ON: TRUDY I RESPUBLIKANSKOY KONFERENTSIИ PO
AGROKOSMOSFERNIKE, TERMOGIDRO I MASSOBMEZHU,
1963, PP. 1-7

On Process as

FTD-HT-23-1363-74

FEATURES OF USING REVERSING THYRISTOR EXCITER
S WITH SEPARATE CONTROL IN ELECTRI

OSIPOV, O. USYN LANGUAGE-RU COUNTRY-UR

SB. NAUCH. TRUD. CHELYABINSK. POLITEKH. INST.
. '71. #94. 109-117.

FSTC-HT-23-0385-74

RESEARCH ON AN ASYNCHRONOUS ELECTRIC DRIVE WITH
A SYMMETRICAL THYRISTOR IN ONE

KRAVTSOV, N. YA LANGUAGE-RU COUNTRY-UR

SB. NAUCH. TRUD. CHELYABINSK. POLITEKH. INST.
• # 94, '71, 139-43.

FSTC-HT-23-0384-74

RUSSIAN

SPRS 63767 CSO: 8344/0954
26 November 1974

Voronina, S. I.

//Trudy SAKHALINSKOGO KOMPLEKSNOGO NAUCHNO-
ISSLEDOVATEL'SKOGO INSTITUTA//

--/--/1972, V0029, N----, pp 0040-0046

Sakhalin

Use of Hydrophones for Recording Seismic
Process

#

Please Publish and include repros(if possible)

TARASKIN. A. F.
//TRUDY SEMINARA KIBERNETIKA DONETSKOYE
OTDELENIYE//

--/--/1969, v-----, n----

Estimates for the transfer parameters of a
diffusion process 11 pp
pp 66-77 ARM/FSTC/HT-23-179-73##

T. G. Trushko
The Limiting Behavior of a Multiserver
Queuing System and the Problem of Controlling
the System in a Stationary Mode
TRUDY SEMINARA, TEORIYA OPTIMAL'NYKH
RESHENIY, INSTITUT KIBERNETIKI, AKADEMIYA
NAUK UKHAINSKOY SSR, KIEV, 1968
FSTC-HT-23-116-72

Mironov, G.H. 1960
The food of plankton predators (Pitanie planktonnykh
khishchikov)
(Trudy Sevastopol'skoĭ biologicheskoi stantsii) 13: 78-88.
In Russian.

Transl. for NLL, Msp., processed. Avail. NLL as RTS 7409.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Dolgopol'skaya, M.A., E.S. Gurevich, and
E.Z. Shapiro

1960

The influence of bacterial film on the leaching of poisons
from a layer of antifouling paint (Vliyanie bakterial'noi
plenki na protsess vyshechelachivaniya yadov iz
protivobrazayushchego krasochnogo sloya)
(Trudy Sevastopol'skoi biologicheskoi stantsii) 13: 309-314.
In Russian.

Transl. for NLL, 9p., processed. Avail. NLL as RTS 2235.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *NR*

Agency: Smithsonian Institution
P.O.No.

0044/1416
19 March 1974

Title: K Fauna Sipunkulid Sredizannogo Morya

Author: V.V.Murina

Source: Trudy Sevastopol'skoy Biologicheskoy Stantsii
Vol XVIII, 1964 pp31-73

Language: Russian

Instructions: Type single space. No Pasts-up, leave
space, translate all captions.

Picatinny Arsenal
Req. 73-122 c

9244/0507
24 June 1973

"Changes in structure of celluloses during
nitration"

By: Morozov, V.A., ~~EDKH~~.Filipchuk, Yu.S., Chetyrkin, G.

From: Tr. Sibirsk. Tekhnol. Mast. Sb.
Vol. 36, pp. 33-9 (1963).

Language: Russian

Please translate and type 1 copy only. Type single
p space. PASTE-UP.

Agency: Army/Redstone #11

P.O. #: MIPE No. AS10SZ-48-7187

9244/2857

27 Feb 75

Title: Local growing of epitaxial films

Author: I. G. Khar'uzov, G. A. Kurov, E. V. Rakova

Source: Protsessy Rosta i Struktura Monokristallicheskikh Sloev Poluprovodnikov, Trudy Simpoziuma, 1966 (Publ. 1968), Part 1, pp-296-304 Edited by L. N. Aleksandrov

Language: Russian

Special Instructions: Please translate.
Edited draft only.

K VOPROSU O LOKAL'NOM VYRASHCHIVANII EPITAKSIAL'NYYKH PLENYOK

Thermodynamic Study of the Growth Rate of Epitaxial
Silicon From SiCl_4 , by I. B. Sladkov, 6 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 7-14.
JPRS 59279

June 73

Relation Between the Deposition Conditions and
the Volt-Ampere Characteristics of Epitaxial
p-n-Junctions, by I. B. Sladkov, 6 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloevy Poluprovodnikov -- Trudy
Symposiuma, Novosibirsk, Part 2, 1969, pp 15-21.
JPRS 59279

June 73

Mechanism of Autopitaxy of Silicon for Growth
From the Vapor-Gas Mixture ($\text{SiCl}_4 + \text{H}_2 + \text{Cl}_3$)
in the Open Process, by Yu. D. Chistyakov, 10 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloevy Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 22-32.
JPRS 59279

June 73

Utilization of the Sandwich Method to Obtain
Epitaxial Layers of Semiconducting Materials,
by A. S. Korotkov, 8 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloevy Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 33-41.
JPRS 59279

June 73

Mechanism of Silicon Autoepitaxy During Transport
in Small Intervals, by Yu. D. Chistyakov, 9 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 42-51.
JPRS 59279

June 73

Growth of Epitaxial Silicon Films With the Application of Hydrogen of High Purity and the Study of Their Properties, by V. P. Pashkudenko, 5 pp. RUSSIAN, per, Protsessy Rosta i Struktura Monokristallicheskikh Sloev Poluprovodnikov -- Trudy Simpoziuma, Novosibirsk, Part 2, 1969, pp 57-61. JPRS 59279

June 73

Study of the Growth Conditions and Properties of
Silicon Films Deposited by the Chloride Method,
by Z. I. Kir'yashkina, 6 pp.
RUSSIAN, per. Protsessy Rosta i Struktura Mono-
kristallicheskih Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 62-68.
JPRS 59279

June 73

Alloying Epitaxial Layers of Silicon With Boron
and Arsenic Using Gas Discharge, by
T. A. Dutkina, 5 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskich Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 79-84.
JPRS 59279

June 73

Obtaining Epitaxial Silicon Films With the Application of Hydrogen of High Purity and Studying the Admixture Distribution Profile, by Yu. A. Ryarov, 8 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Monokristallicheskikh Sloev Poluprovodnikov -- Trudy Simpoziuma, Novosibirsk, Part 2, 1969, pp 85-92.
JPRS 59279

June 73

Nature of 'Smoky' Spots Occurring on the Surface
of Silicon Alloyed With Boron After Chemical
Polishing, by E. G. Ashazha, 5 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 97-102.
JPRS 59279

June 73

Kinetics of Gas Pickling and Epitaxial Growth of
Semiconductor Materials, by L. A. Laukmanis, 5 pp..
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskiy Sloyer Poluprovodnikov -- Trudy
Sinposiuma, Novosibirsk, Part 2, 1969, pp 103-109.
JPRS 59279

June 73

Variation of the Electrophysical Parameters of
Epitaxial Films of Germanium as a Results of Gas
Etching, by E. E. Aboltyn', 6 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 110-115.
JPRS 59279

June 73

Obtaining Silicon Epitaxial Films by the Silane
Method, by S. A. Ratenberg, 5 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 116-121.
JPRS 59279

June 73

Epitaxial Layers of Silicon Obtained by Pyrolysis
of Hydrides, by T. A. Zevake, 5 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 122-128.
JPRS 59279

June 73

Selective Growth of Epitaxial Layers of Silicon,
by I. M. Skvortsov, 7 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskich Sloev Poluprovodnikov -- Tzady
Simpoziuma, Novosibirsk, Part 2, 1969, pp 129-137.
JPRS 59279

June 73

Study of the Growth of Monocrystalline Films of
Silicon Carbide on Silicon, by I. P. Neymane,
5 pp.

RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskih Sloyev Poluprovodnikov -- Trudy
Simpodiuma, Novosibirsk, Part 2, 1969, pp 155-159.
JPRS 59279

June 73

Growth Kinetics and Morphology of Autoepitaxial
Germanium Films in the Chloride Method, by
V. S. Kravchenko, 10 pp.
RUSSIAN, per, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 165-186.
JPRS 59279

June 73

Photo Appendix, 8 pp.
RUSSIAN, photos, Protsessy Rosta i Struktura Mono-
kristallicheskikh Sloev Poluprovodnikov -- Trudy
Simpoziuma, Novosibirsk, Part 2, 1969, pp 177-197.
JPRS 59279

June 73

Makal'skiy, I. I.

Accounting Procedures for Maritime Shipping Proposed.

9 pp

TRUDY SMP, Moscow, No 35(41), 1973, pp 93-99.

JPRS 63145

Krosing, V. and K.A. Kask 1971
Amino-acid composition of the nitrogenous substances
in fish and in brine in canned "Tallin sprats" (Aminokisloty
sostav azotistykh veshchestv ryby i tuzluka v preserve
"Tallinskiye kilki")
Trudy tallinskogo politekhnicheskogo instituta, Series A,
(366): 65-72. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Halifax Lab.,
Halifax, N.S., 1973, as Transl. Series No. 2376, 5p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked. *MR*

Silmer, I., O.V. Tauts, and K.E. Meister 1971
Investigation of fatty acid composition of fish oils
(Issledovaniye shirnokislotoznogo sostava ryb'ikh zhirov)
Trudy Tallinskogo politekhnicheskogo instituta, Series A,
(300): 73-78. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Halifax Lab.,
Halifax, N.S., 1973, as Transl. Series No. 2429, 6p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Koryushin, A. P.

Electro-conductivity of aqueous copper sulphate solutions.

TANBOVSKII INSTITUT KHIMICHESKOGO MASHINO-
STROENIYA, TRUDY, n. 4, 1970, p. 154-157
NTC 72-11258-07D

WORK FUNCTION OF THE FACES (100) OF SINGLE CR
YSTALS OF REFRACTORY METAL ALLOYS

SMIRNOVA, N., S LANGUAGE-RU COUNTRY-UR

TASHKENT. GOSUDAR. UNIVER. IM LENINA, NAUCH. T
RUDY #393, FIZIKA, '71, 230-36

FSTC-HT-25-0935-74

Dzhandieri, K.M.

The nuclear pfactor which destroys dna.
TBILIS. GOSUDARSTVENNYI INIVERSITET. TRUDY,
1971, pp 45-53, v. 139.
NTC 73-12288-06A
NLL RTS 7591

AZIMUTHAL OBSERVATION OF METEOR-TAIL DRIFT

KARIMOV, K. ETC LANGUAGE--RU COUNTRY--UR

MET. 1 ZEKH. EKSPER. ISSLED. ATMOS., TRUDY TSE
N. AERO. OBS. #91, '71, P12

FSTC-HT-23-1708-73

Roukhiyainen, M.I., G. Senichkina, and
L.V. Georgiyeva

1971

Review of the taxonomic composition of phytoplankton in
the Central-American seas (Obzor sistematicheskogo sostava
fitoplanktona Tsentral'no-Amerikanskikh morey)

Trudy tsentral'noi laboratorii po vosproizvodstvu rybnikh
zapasov glavyboda MKN SSSR. 2: 16-49. In Russian.

Transl. by Transl. Bur., Pgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRBC Vancouver Lab.,
Vancouver, B.C., 1973, as Transl. Series No. 2666, 97p.,
typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

VASHKOV, V. I.

Sterilization by Chemical Agents
TSENTRALNYI NAUCHNO-ISSLEDOVATELSKII DEZINFERTSIONNYI
INSTITUT. TRUDY, vol. 18, no. 1, pp. 29-35, 1967
NTC 73-10314-060

March 73

MAP DIAGRAM OF THE NUMBER OF DAYS WITH DUST S
TORMS IN THE HOT ZONE OF THE USSR

SAPOZHNIKOVA S LANGUAGE-RU COUNTRY-UR

TRUDY NAUCH ISSLED INST AEROKLIMATOLOGII NO 6
5 1970 PP 61-68

FSTC-HT-23-0027-74

Montgomery, V. V.
Radar Measurement of the Water Content of
Clouds.
No. 36, pp. 3-12, 1961.
A.T.S. RJ-5335
TR. TSENTR. AERÓLOG. OBSERV.

Borovikov, A. M. et al

Some Results of the Measurement of the size
Distribution of Large Particles in Clouds.
~~Tr. Tsent. Aero. Log. Obs.~~, No. 36, pp. 3-12, 1961.
A.T.S. RJ-5336

TR. TSENTR. AEROLOG. OBSERV.

Borovikov, A. N.

The Accuracy of Measuring Cloud Heights by
Radar.

Tr. Tsentr. Aerolog. Obsrv. No. 35, pp. 37-
42, 1961.

A.T.S. RJ-5334

SPACE, T. A.
// STUDY ASSESSMENT FOR AEROSOLIZATION OF CHLORINE
// 1965, V. 1, 10000,
A Method for Determining the Concentration of
Charged Air Particles, 8 PP.
PP 96-100, AIR/FTD/HT-23-1571-7488

REC TR CHECK

23-00774

71-7

CALCULATION OF RESONANCE CROSS-SECTION
FOR SCATTERING ON EXCITED MOLECULES AND ON
IONIZED NITROGEN

KOSTKO, O.K.; CHAYANOVA, E.A.

UR: TRUDY TSENTRAL'NOY AEROLOGICHESKOY
OBSERVATORII (MOSCOW), NO. 99, 1971,
pp. 81-89

*In Process**FTD-HC 23-1573-74*

REQ TR GREGK

14-01-74

PRT3

ON THE SIZE DISTRIBUTION OF CLOUD DROPS IN
THE TURBULENT ATMOSPHERE

SMIRNOV, V.I., KARANOV, A.S.

UR: TENDY TSENTRALNOY AEROLOGICHESKOY
OBSERVATORII (MOSCOW), NO. 101, 1972,
pp. 3-12*In Process as**FTD MT-24-1468-74*

REQ TR CHECK

10-5-74

T-10

INFORMATION CHARACTERISTIC OF ATMOSPHERIC
SOUNDING DATA

TRIPNOV, 3 F

UR: TRIPNOV TSPTRAL: NOT AEROLOGICAL
OBSERVATIONS, 1003, or 113, 101-315*Don't know**FTD-24-2665-24*

Shvidkovsky, Ye. G.

Charged Particles in the Earth's lower Atmosphere 20 pp
TRK. TEBERALBY APOUNOMENY GOSVAPKES.
FIZIK. SVESKOST. RUSKOST. nr. 110, 1970, pp. 22-35
AIR/ITD-M-23-663-73

IASTROV, A. A.
 //TRIN INSTITUT'NYI ANTIPOVICHENSKIY OBSERVATORII.
 NOTIZY I TROVKA KOSMICHESKOY IZMERNENIY
 I TROVKA KOSMICHESKOY IZMERNENIY
 --/--/1973, 7---, 19993.
 Toward a theory of disturbances of the lower
 ionosphere by a metal body, 14 pp.
 PP 35-43, AIR/FTD-NC-83-1063-7499

Gorelik, A.G.

The Determination of the General Moisture Content of the Atmosphere from its Intrinsic Radio Frequency emission.

TRUDY TSENTRAL'NOY AEROLOGICHESKOY OBSERVATORII, .SPUTNIKOVAYA METEOROLOGIYA, Nr. 103, 1972

PP.5-20.

FTD-MT-24-698-73

NIKOVAYA IS-TECHNOLOGIA, No. 103, 1972, No. 10-11
AIR/FTD-MT-24-700-73

Gorelik, A.G.

The **Possibilitiæ**s of the Identification of
Precipitation Zones with Misz (Meteorological
Artificial Earth Satellites).

TRUDY TSENTRAL'NOY AEROLOGICHESKOY OBSERVATO-
RII. SPUTNIKOVAYA METEOROLOGIYA Nr. 103, 1972
pp.31-41.

FTD-MT-24-699-73

REQ TR CHECK

23-05-73

T790

UNKNOWN

GORELIK, A.G.; KALASHNIKOV, V.V.

UR: TRUDY TSENTRAL'NOY AEROLOGICHESKOY
OBSERVATORII, SPUTNIKOVAYA METEOROLOGIYA,
NO. 103, 1972, pp. ~~341~~ 58-63*Process in as
MT 73-24-0700*

Gorelik, A.G.

Measurement of Radiation of the Atmosphere in
the 8-12 Micron Band.

TRUDY TSENTRAL'NOY AEROLOGICHESKOY OBSERVATO-
RII. SPUTNIKOVAYA METEOROLOGIYA, Nr. 103, 1972
pp.82-93.

FTD-MT-24-701-73

Sputnikovaya Meteorologiya
TRUDY TSENTRALNOY AEROLOGICHESKOY OBSERVATORII,
No 103, 1972, 144 pp.
*IPST

April 73

Marti, Yu. Yu.

Problems in developint the sturgeon culture in the 1972
Caspian Sea (Voprosy razvitiia osetrovogo khoziaistva v
Kaspiiskom more)
osetrovye i problemy osetrovogo khoziaistva, Trudy Tsentral'noi
laboratorii po vosproizvodstvu rybnykh zapasov Glavrybvoda
SSSR, Leningradskii gosudarstvennyi universitet:
124-127. In Russian.

Transl. by Transl. Bur., Wgn. Lang. Div., Dept. of Sec. of
State of Canada, for Dept. of Environ., FRPC Halifax Lab.,
Halifax, N.S., 1973, as Transl. Series No. 2745, 79p.,
typescript.

Avail. on loan - DC-FC, Wash., D.C.

Classification Checked 

Drift Meter Log Operation, by B. A. Tetuyev,
V.V. Piteryakov, 8 pp.
RUSSIAN, per, Trudy, Tsentral'nyy Nauchno-Issle-
dovatel'skiy Institut Morskogo Flota, Leningrad,
Vol 18, No 157, 1972. pp 71-77, pp 106, 9pp.
JPRS 59062

May 73

Logvinovich, E. G.

Technical and Economic Substantiation of Large-Tonnage Vessels for Bulk Dry and Petroleum Shipments.

19 pp

TRUDY TSNIIMF, Moscow, No 170, 1973, pp 3-20.

JPRS 61787

Sokolov, Yu.N

Investigation of Parameters of
Underground Electric Antennas

11 pp

TRUDY TSENTRAL'NOGO NAUCHNO-ISSLEDOVATEL'SKOGO
GORNORAZVEDOCHNOGO INSTITUTA, Issue 86, part II
1969, pp 135-143

FSTC-HT-23-193-73

RUSSIAN:

Trudy TsNIIMF. ("Proceedings of the TsNIIMF").

pp 36-43.

DIA LN 521-73

TsNIIMF - Issled. Inst. Mosk.
7.6.73

(June 73)

RECEIVED CHECK

22-04-74

To30

THE PROBLEM OF PROPAGATION OF CYLINDRICAL WAVES IN CONCRETE

YURGENS, D I

UR: TRUDY TSENTRAL'NOY NAUCHNO-ISSLEDOVATEL'skiy INSTITUT STROITEL'NYKH KONSTRUKTSIY,
NO. 19, 1971, pp. 218-225

In process as

HT-23-2415-74

TR CHECK

7-05-74

TP872

SOME PROBLEMS IN MEASURING HODOGRAPHS FOR
RECIPROCAL EFFECTS BETWEEN CIRCUITS OF
ACTIVE CABLE JUNCTIONS
VERNIK, S M; GUSECHIN, B K
UR: TRUDY UCHEBNYKH INSTITUTOV SVYAZI,
NO. 53, 1971, .pp. 135-140

*In Process as**FTD-MT-24-2566-74*